## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/003812

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A. CLASSIFICATION OF SUBJECT MATTER Int.Cl <sup>7</sup> H03K5/04, H04Q9/00			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED .			
Minimum documentation searched (classification system followed by classification symbols)  Int.Cl <sup>7</sup> H03K5/04			
020010 000000			e fields searched 1994-2004 1996-2004
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
Discribing data outs consumed daring the international source (name of data outs and product to the data)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
x			1,11,36,
A	12 March, 1996 (12.03.96), Par. Nos. [0013] to [0015]; B	ria. 2	39-43 2-10,12-35,
	(Family: none)	. 19. 2	37,38
A	06 April, 1988 (06.04.88),		1-43
	Page 2, lower right column, line 12 to page 3, upper left column, line 2; Figs. 2, 4 (Family: none)		
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Further documents are listed in the continuation of Box C. See patent family annex.			
"A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier application or patent but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is		"T" later document published after the integrated and not in conflict with the application the principle or theory underlying the integral of the principle or theory underlying the integral of the principle or theory underlying the integral of the principle or	ation but cited to understand
		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be	
"P" document published prior to the international filing date but later than		being obvious to a person skilled in the "&" document member of the same patent	•
Date of the actual completion of the international search 23 June, 2004 (23.06.04)		Date of mailing of the international search report 13 July, 2004 (13.07.04)	
Name and mailin	og address of the ISA/	Authorized officer	
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Facsimile No. Telephone No.			
Form PCT/ISA/210 (second sheet) (January 2004)			